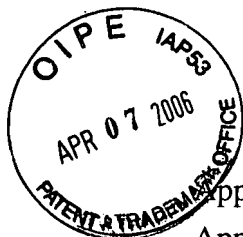


1A 3 REC'D PCT/PTO 07 APR 2005

PCT #



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number : 10/531,805 Confirmation No.: 3679
Applicant : Frank MICHAELS
I.A. Filing Date : October 17, 2003
Title : TRANSMUCOSAL ADMINISTRATION OF AGGREGATED ANTIGENS
TC/Art Unit : TBA
Examiner: : TBA

Docket No. : 59046.000039
Customer No. : 21967

MAIL STOP MISSING PARTS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C.
371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) AND
REQUEST FOR FIVE-MONTH EXTENSION OF TIME**

Dear Sir:

Applicants respectfully request a five (5) month extension of time under 37 C.F.R. § 1.136(a) for responding to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) (the "Notification"), mailed September 9, 2005, in the above-captioned application. Accordingly, it is respectfully requested that the time for response be extended up to and including April 9, 2006.

Responsive to the Notification, Applicants submit herewith a copy of the original Notice, an executed Declaration and Power of Attorney and a copy of the sequence listing in computer readable form and paper copy.

Applicants also submit herewith a check in the amount of \$1145.00 for the late filing surcharge (\$65.00) and five month extension of time (\$1,080.00) fee for a small entity.

04/13/2006 HKAYPAGH 00000121 10531805

01 FC:2617

65.00 DP

04/13/2006 HKAYPAGH 00000121 10531805

02 FC:2255

1080.00 DP

REMARKS**Sequence Listing**

In response to the Notification mailed on September 9, 2005, and in accordance with the provisions of 37 C.F.R. §§ 1.821-1.825, Applicants submit herewith a computer-readable form (CRF) of "Sequence Listing" on a 3½ inch diskette, in ASCII format as required by 37 C.F.R. § 1.821(e). Applicants also submit herewith a paper copy of the "Sequence Listing," totaling three (3) pages.

Support for the sequence listing can be found throughout the specification as originally filed, *inter alia*, in the originally-filed paper copy of the sequence listing. Applicants submit that no new matter is introduced into the specification by way of incorporation of the instant sequence listing. Applicants respectfully request entry of this sequence listing into the specification.

The undersigned hereby states that the content of the computer readable form of the "Sequence Listing" and the paper copy of the "Sequence Listing" submitted herewith are the same.

CONCLUSION

No additional fees are believed necessary with this submission. However, in the event any variance exists between the amount enclosed and the amount determined by the USPTO to enter this Response, please charge or credit such variance to the undersigned's Deposit Account No. 50-0206.

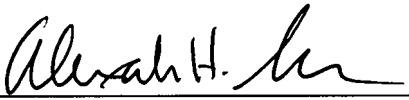
An indication of allowance of all claims is earnestly solicited. Early notification of a favorable consideration is respectfully requested.

Respectfully submitted,

HUNTON & WILLIAMS LLP

Dated: April 7, 2006

By:


Alexander H. Spiegler
Registration No. 56,625

Hunton & Williams LLP
Intellectual Property Department
1900 K Street, N.W.
Suite 1200
Washington, DC 20006-1109
(202) 955-1500 (telephone)
(202) 778-2201 (facsimile)

RMS/JTP



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/531,805	Frank Michaels	59046-000039

INTERNATIONAL APPLICATION NO.
PCT/US03/33178

I.A. FILING DATE	PRIORITY DATE
10/17/2003	10/17/2002

21967
 HUNTON & WILLIAMS LLP
 INTELLECTUAL PROPERTY DEPARTMENT
 1900 K STREET, N.W.
 SUITE 1200
 WASHINGTON, DC 20006-1109

DOCKETED	9-12-05
ACTION CODE	Missing Req.
DUE DATE	11-9-05
BASE DATE	9-9-05
DEADLINE	4-9-06
ATTORNEYS	RMS/JTP
INITIALS	AP

CONFIRMATION NO. 3679
 371 FORMALITIES LETTER
 OC000000016958939
 OC000000016958939

Date Mailed: 09/09/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 04/18/2005
- Copy of the International Search Report filed on 04/18/2005
- Preliminary Amendments filed on 04/18/2005
- Small Entity Statement filed on 04/18/2005
- U.S. Basic National Fees filed on 04/18/2005
- Priority Documents filed on 04/18/2005
- Power of Attorney filed on 04/18/2005
- Specification filed on 04/18/2005
- Claims filed on 04/18/2005
- Abstracts filed on 04/18/2005
- Drawings filed on 04/18/2005
- Paper nucleotide sequence listings filed on 04/18/2005

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HUNTON & WILLIAMS
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The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$65** for a Small Entity:

- **\$65 Surcharge.**
- This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c) Applicant must provide an initial paper or compact disc copy of the "Sequence Listing", as well as an **amendment specifically directing its entry into the application** and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

BARBARA A CAMPBELL

Telephone: (703) 308-9140 EXT 217

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
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10/531;805

PCT/US03/33178

59046-000039

FORM PCT/DO/EO/905 (371 Formalities Notice)